

Gaurav Wadkar

Objective I wish to be associated with the trend setting research in my area of interest

Experience : Company:

Dec 04 - Jun 05 Harbinger Systems-Group Pvt Ltd

Position : Industrial Trainee

About the Employer:

Harbinger Systems is a company focused on providing custom application development and advanced e-Learning systems integration services to companies worldwide. We deliver e-Learning solutions that require sophisticated software capable of integrating advanced business functionality with a company's existing core I.T. assets.

Responsibilities:

- Software designing and development.
- Software Quality Assurance.(Software Quality Analyst)

Feb 04 - May 04 Sutra Systems India Pvt Ltd

Position : Consultant

About the Employer:

Sutra aims to extensively provide IT and Engineering Solutions globally. It is an **ISO 9001:2000** certified company. It is gearing for SEI CMM (Integrated) certification.

Nature of Duties: (Please Refer to **Annexure B**)

- Executed two projects titled
 1. Human Resource Data Management System.
 2. Knowledge Exchange Group.

Aug 03 - Mar 04 Autosoft Systems India Pvt Ltd

Position : Consultant

About the employer:

It is in the business of Information Technology, Commercial Application Software, Engineering Applications, Hardware, Networking, Communications, Instrumentation & Process Control, and Turnkey Automation Projects.

Nature of Duties: (Please Refer to **Annexure B**)

Software Developer Executed project titled "Office Automation"

Technical Papers presented: (Please See Annexure A)

- “MBONE, Multicast Backbone “
- “IDEA Encryption Standard”
- “Query Optimization for Databases”
- “Computer Viruses “ (Kindly refer to my home page <http://www.geocities.com/gauravwadkar/home.htm>)
- “I Love You -- Virus that shook the World”
(Please refer to my home page <http://www.geocities.com/gauravwadkar/home.htm>)

Projects to my credit. (please refer to Annexure: B for details)

- “MBONE, MULTICAST BACKBONE”

Changes are being made to the network components all the time, but people want to use the new features without having to wait for all systems to be upgraded. To connect Multicast capable Networks the Mbone Tunnel is built.

Implementation: Unix Network API, Data Link Layer Programming, Network Layer Packet Filtering, IP Header Manipulations

- **QUERY OPTIMIZER**

This tool assists the DBA to find the best query by showing him an Evaluation Plan and the associated cost to make appropriate decisions before tuning any database. It is a Query Cost Simulator built to support wide variety of SQL Operations.

Implementation: Windows DLL, Visual Basic 6.0, Turbo C

- **FILE SHARING UTILITY**

The utility transfers files within a group in the network. It works on the principle of KAZAA File Sharing Utility.

Implementation: Microsoft Windows SDK, Winsock 2.0 Library.

- **HUMAN RESOURCE DATA MANAGEMENT SYSTEM**

This is a live project going on in SUTRA SYSTEMS LTD., which maintains employee details, conducts tests for prospective candidates seeking career at Sutra System, and schedules sessions for all the employees to make them aware of the latest technologies. It was deployed in the 1st week of April 2004.

Implementation: Java Struts Framework, PostgreSQL 7.3 Database, and JSP & SERVLET

- **REMOTE COMMAND EXECUTION**

These tools enable a Unix user to login to a Remote System in the network on which he has adequate permissions. It works on the basis of rshd & rcmd functions. The project will be tested & accredited by professionals at SUTRA SYSTEMS LTD.

Implementation: Unix Sockets, Linux Operating System

- **CLIENT SERVER CHAT APPLICATION**

This utility allows different users to communicate with each other. The data transmission that takes place is encrypted using the 128-bit Idea Algorithm so an intruder cannot easily decode it.

Implementation: J2SE including Java Networking APIs, Java Native Interface, Turbo C

▪ OFFICE AUTOMATION

It is a Business Information System used to assist AUTOSOFT SYSTEMS LTD in keeping regular attendance, a check on phone bills, reports on the technical skills of employees as well as prospective applicants. We not only provided a very friendly user interface but also provided reports to summarize all the data collected by the HR Department. Although the System is secure, it also remembers the user name of the last employee on the PC, since one computer is assigned to every employee.

Implementation: Visual basic 6.0, MS Access, Crystal Reports 8.5

▪ PAYROLL SYSTEM

This System computes the monthly salaries after appropriate deductions for the Accounts department of an organization. Software provides support for legacy systems.

Implementation: COBOL

Programming Skills

Programming Languages Technologies : C, C++, Pascal, Perl, SQL 1999, Cobol
Java, Visual Basic 6.0 (ADO)
J2EE, Socket Programming Using C API on Unix Platform, JavaScript, HTML, XML, Schemas

Databases : Oracle 8i, MySQL, MS Access 2000 / XP
PostgreSQL 7.3

Operating System : Windows 95 / 98 / ME
SCO UNIX, Mandrake Linux 9.0

Architecture : Java Struts Framework, Design Patterns,
MVC Architecture.

Mobile Technology : WML, Wml Script, WAP 2.0, SOAP, XHTML, XSD

Academic Record:

Exam Passed	School / College	University / Board	Year	Grades (Average)
MSc (Computer Science)	S. P College	University of Pune	2005	Yet to appear
BCS (Bachelor Computer Science)	MES Abasaheb Garware College	University of Pune	2003	64%(3 rd in class)
HSC (Std12th)	K C College	Maharashtra Board	2000	84% (PCM)
SSC (Std10 th)	St Xavier's High School	Maharashtra Board	1998	79.46%

Academic achievements

- Ranked among the top 2% of the class throughout bachelors and Masters Program.
- Ranked first in class with 68% and scored 100 percent in project in the First Semester of MSc.
- Consistently scored first class with average of 65% in BCS.
- Was the only one in the class to be selected for prestigious internship in Sutra Systems Private LTD in the Second Semester.
- Have been offered prestigious internship in Harbinger Systems-Group Private Limited in the final semester.
- Cleared the national level Homi Bhabha Junior scientist exam in the ninth grade.

Extra-Curricular Activities and Sports:

- **Elected** editor of Placement magazine, chief placement Co-coordinator and student committee member.
- **Arranged** intercollegiate Project competition while bachelors Degree student.
- Was member of school and college in cricket team.
- **Represented** Bombay district in Inter- district cricket tournaments.

Hobbies:

Reading, Painting, Listening to Music, Yoga, Cycling, Trekking, Cricket, Football, Badminton, Swimming

Personal Details:

Name : Gaurav Wadkar
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Address : 101 Ami Dhaval, Vile Parle (E)
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Languages Known : English, Hindi, Marathi, Japanese